

FIG. 1

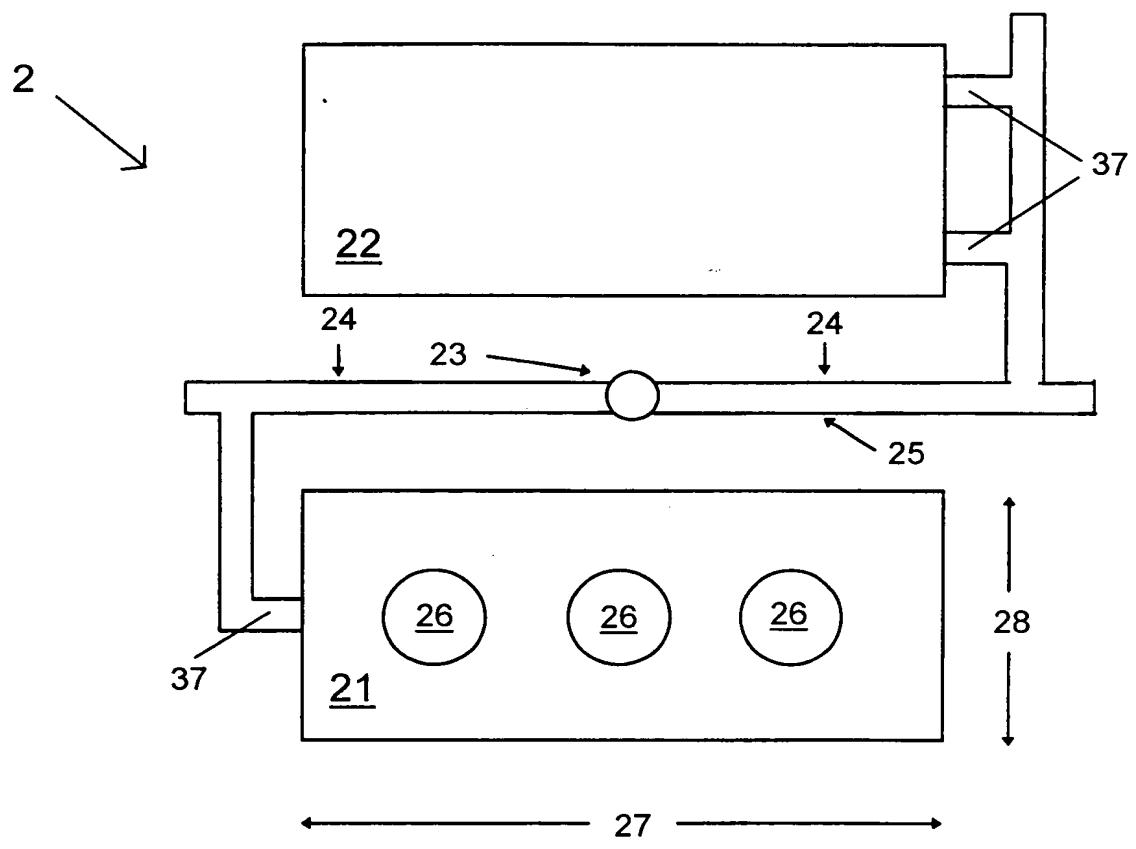


FIG. 2

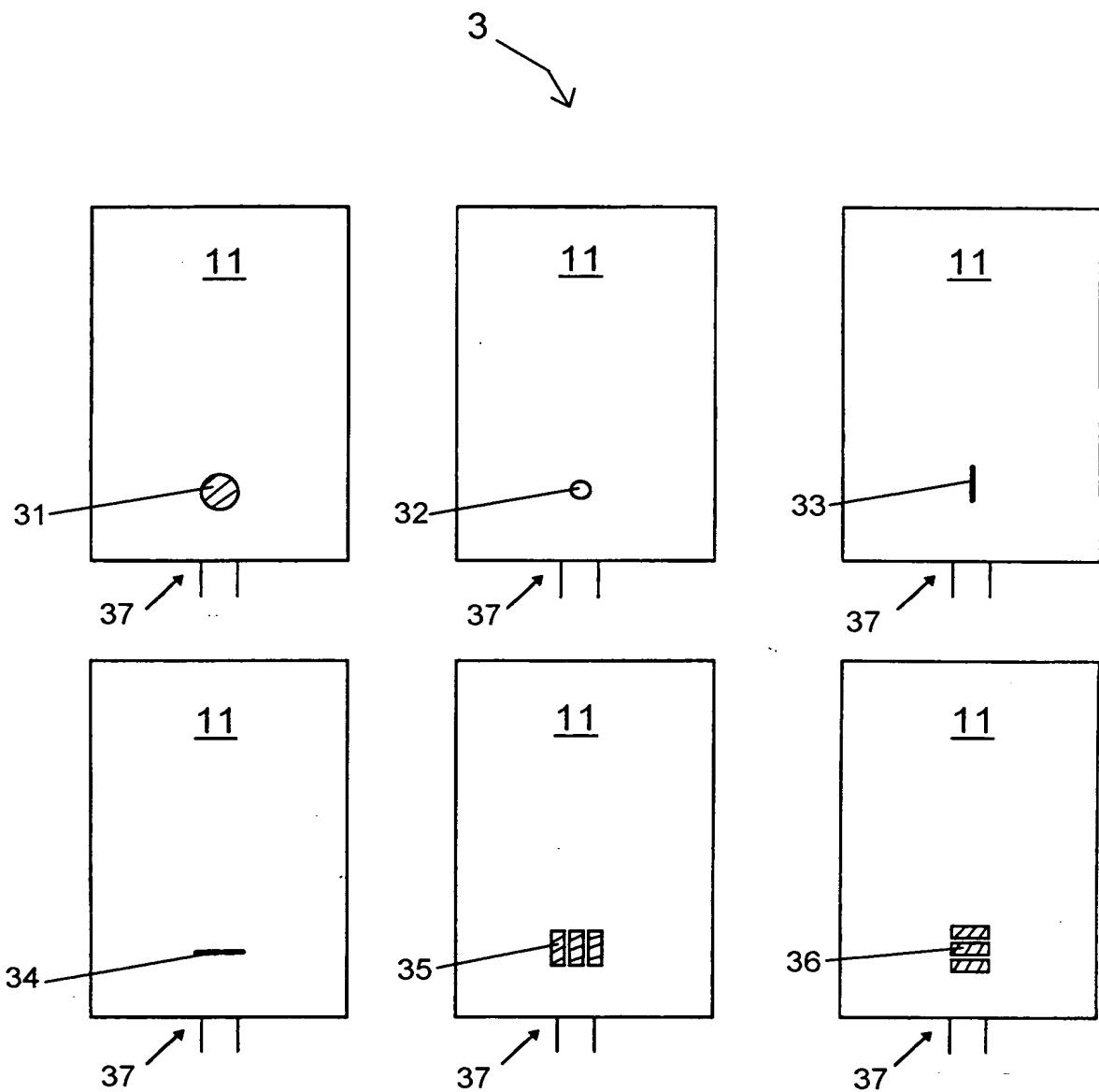


FIG. 3

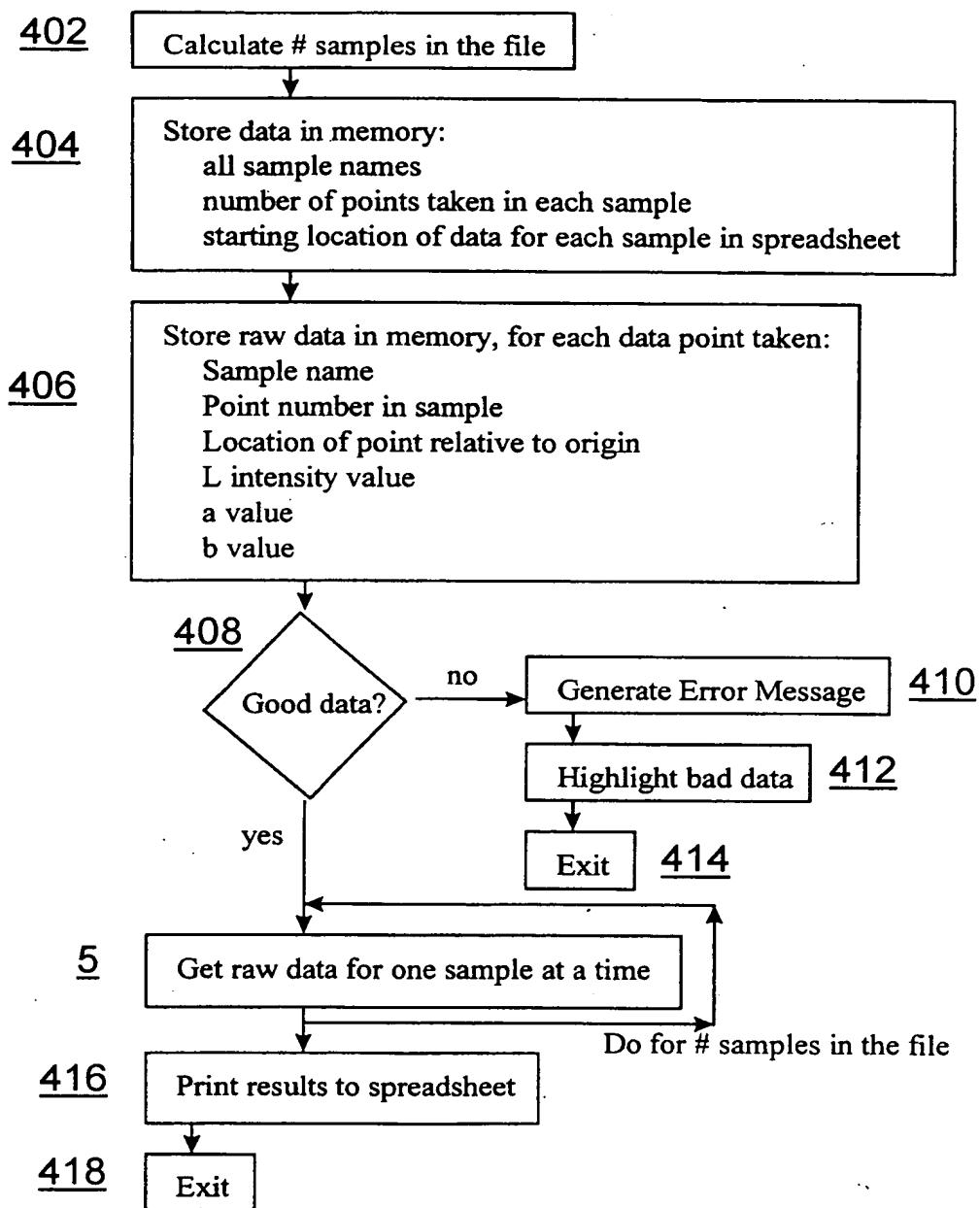


FIG. 4

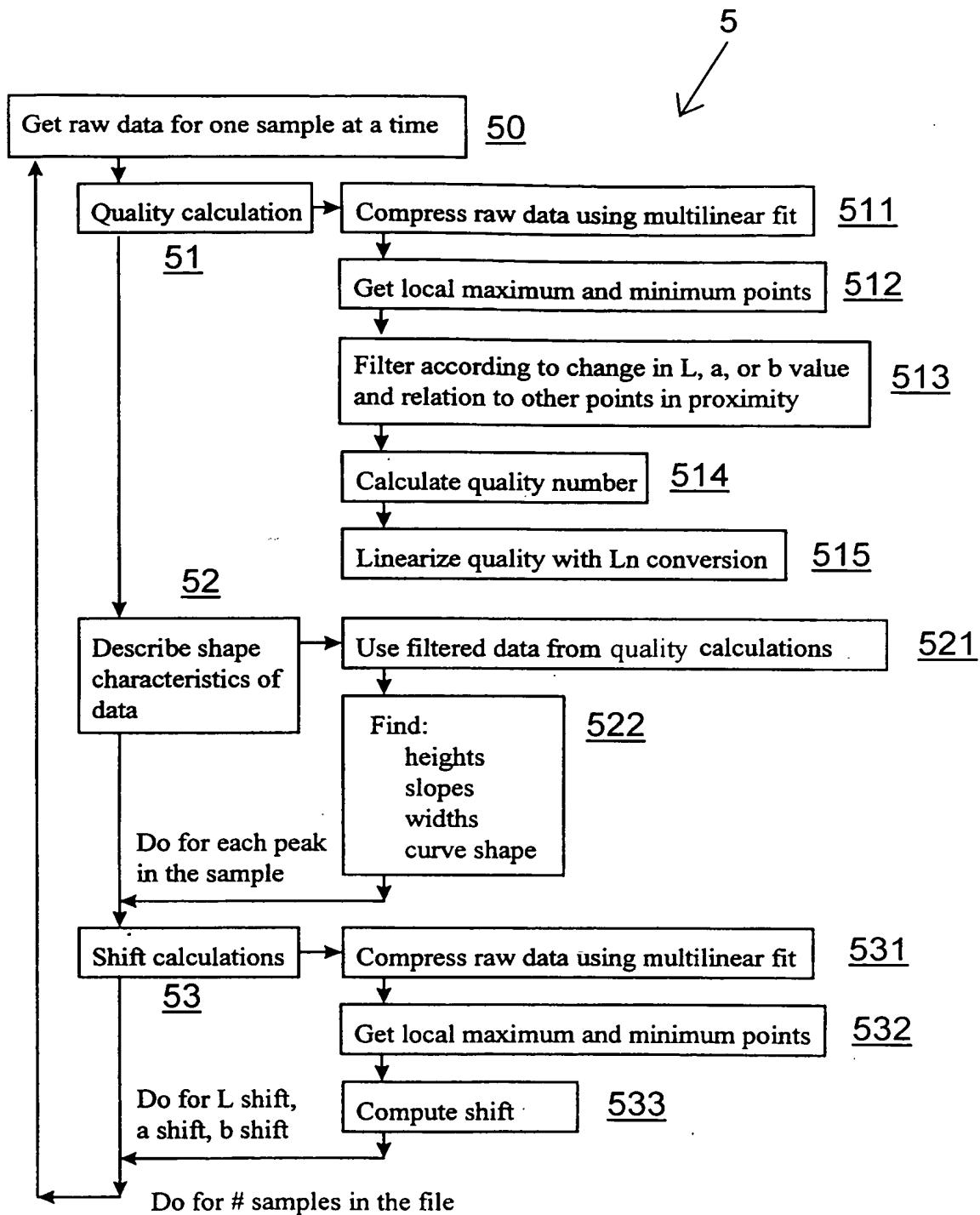


FIG. 5

Description of signal peaks

L vs x position for raw and compressed data

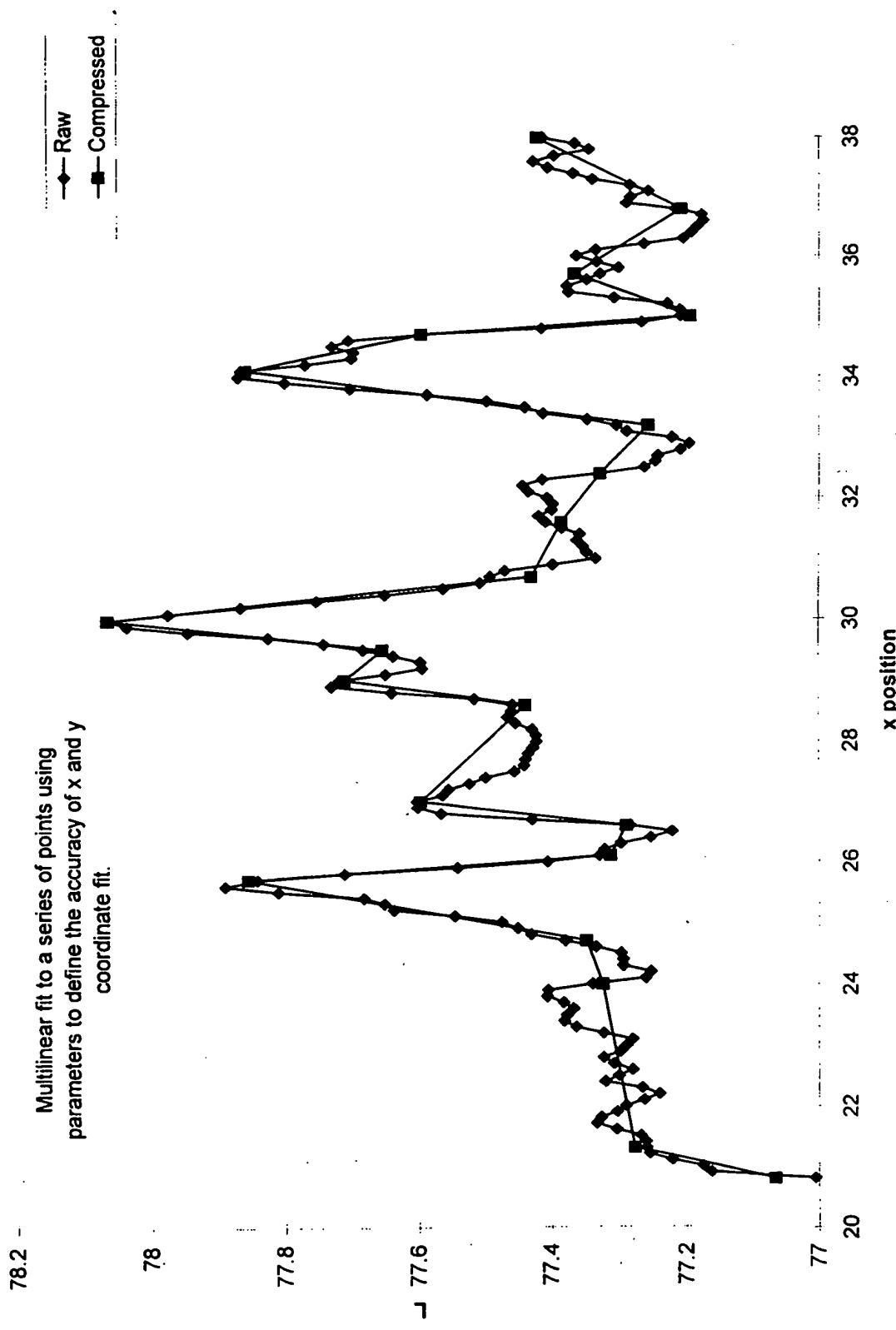


FIG. 6

Description of signal peaks

L vs x position for compressed and first iteration of peak and valley detection data

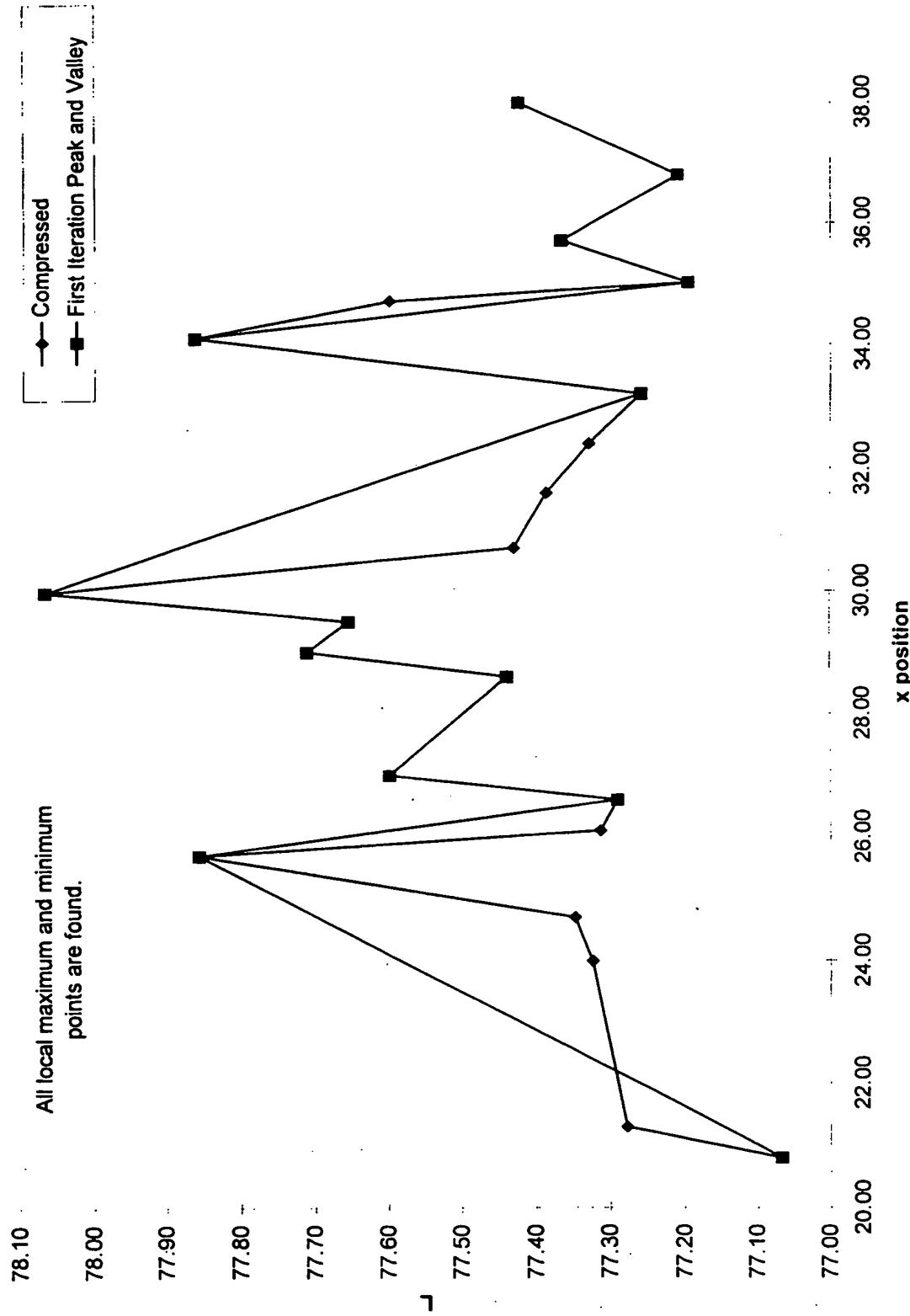


FIG. 7

Description of signal peaks

L vs x position for first iteration and second iteration of peak and valley detection

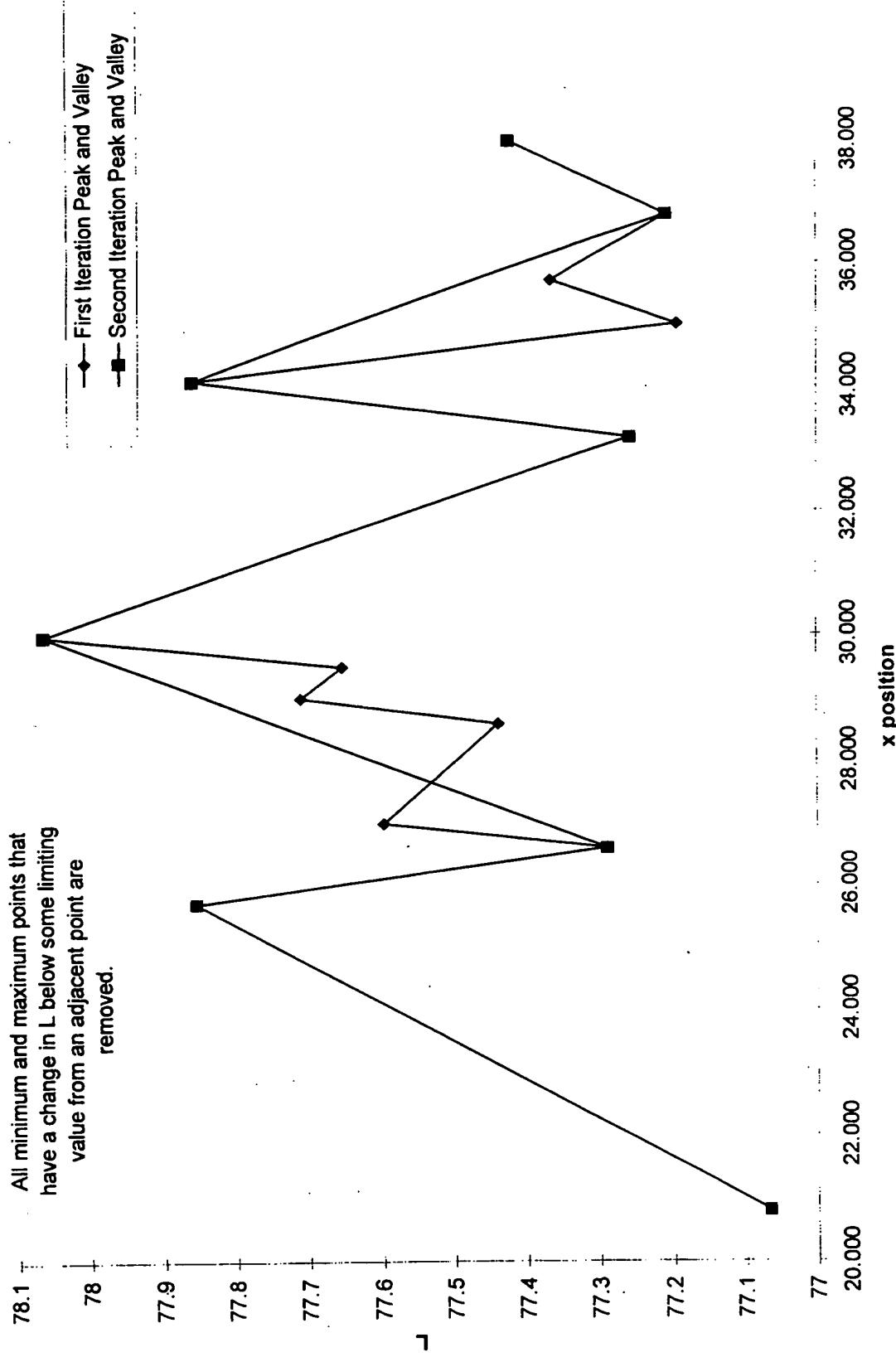


FIG. 8

Description of signal peaks

L vs x position for second iteration and third iteration of peak and valley detection

78.1 Any minimum point that has a high maximum point on one side and a low maximum point on the other side are returned to the dataset.

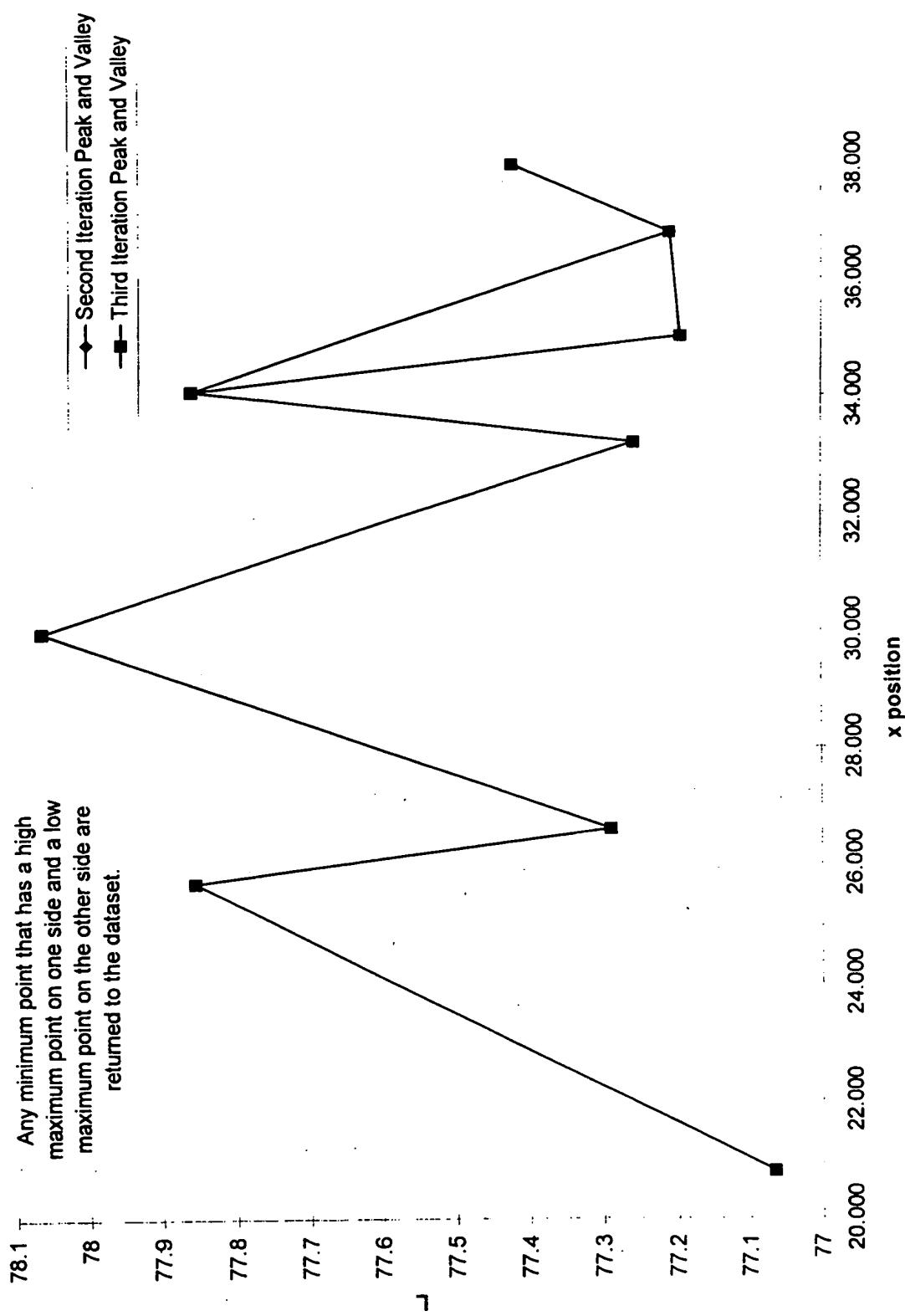


FIG. 9

Quality Calculation

L vs x position for Quality calculation

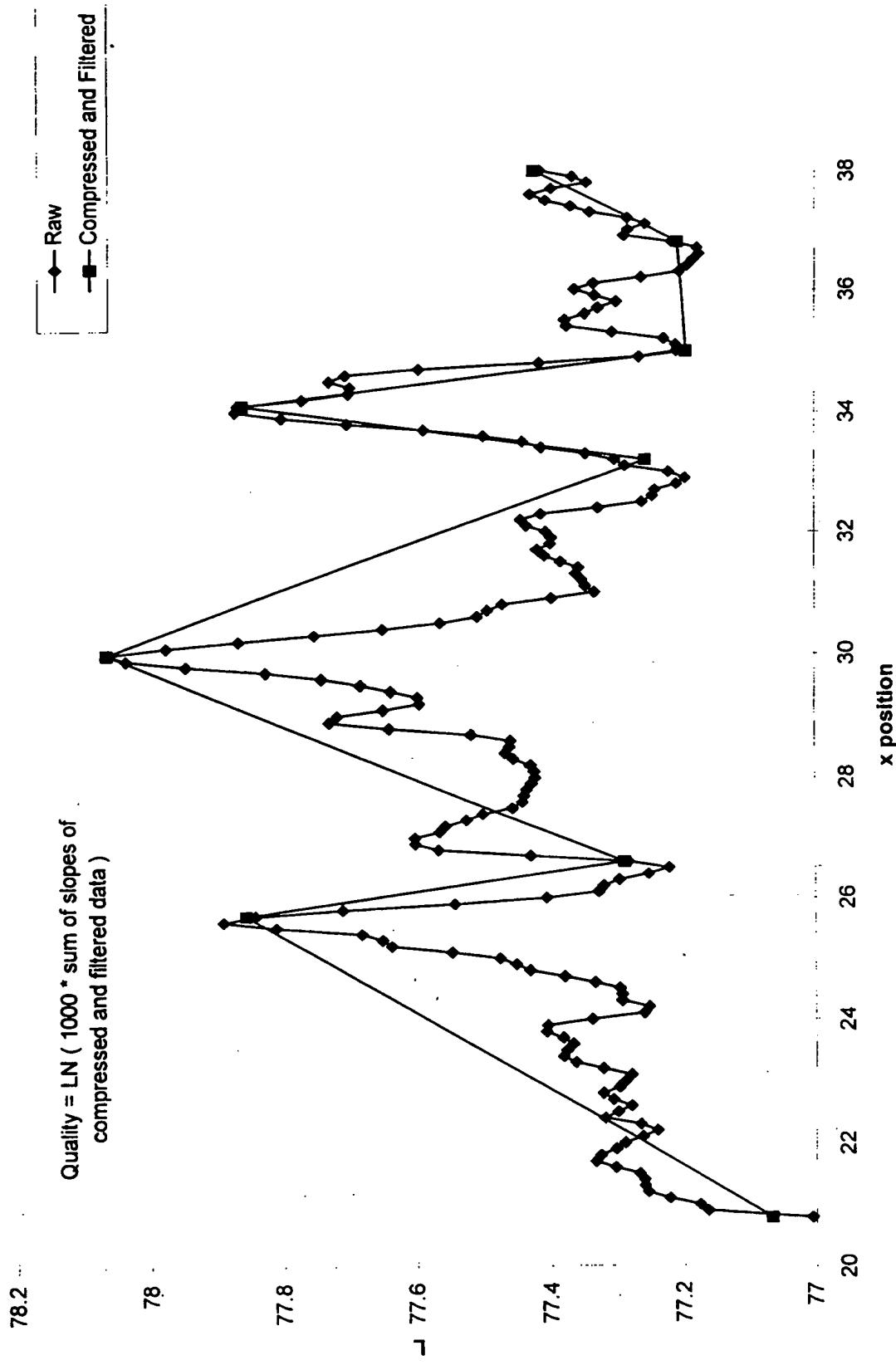


FIG. 10

Description of signal peaks

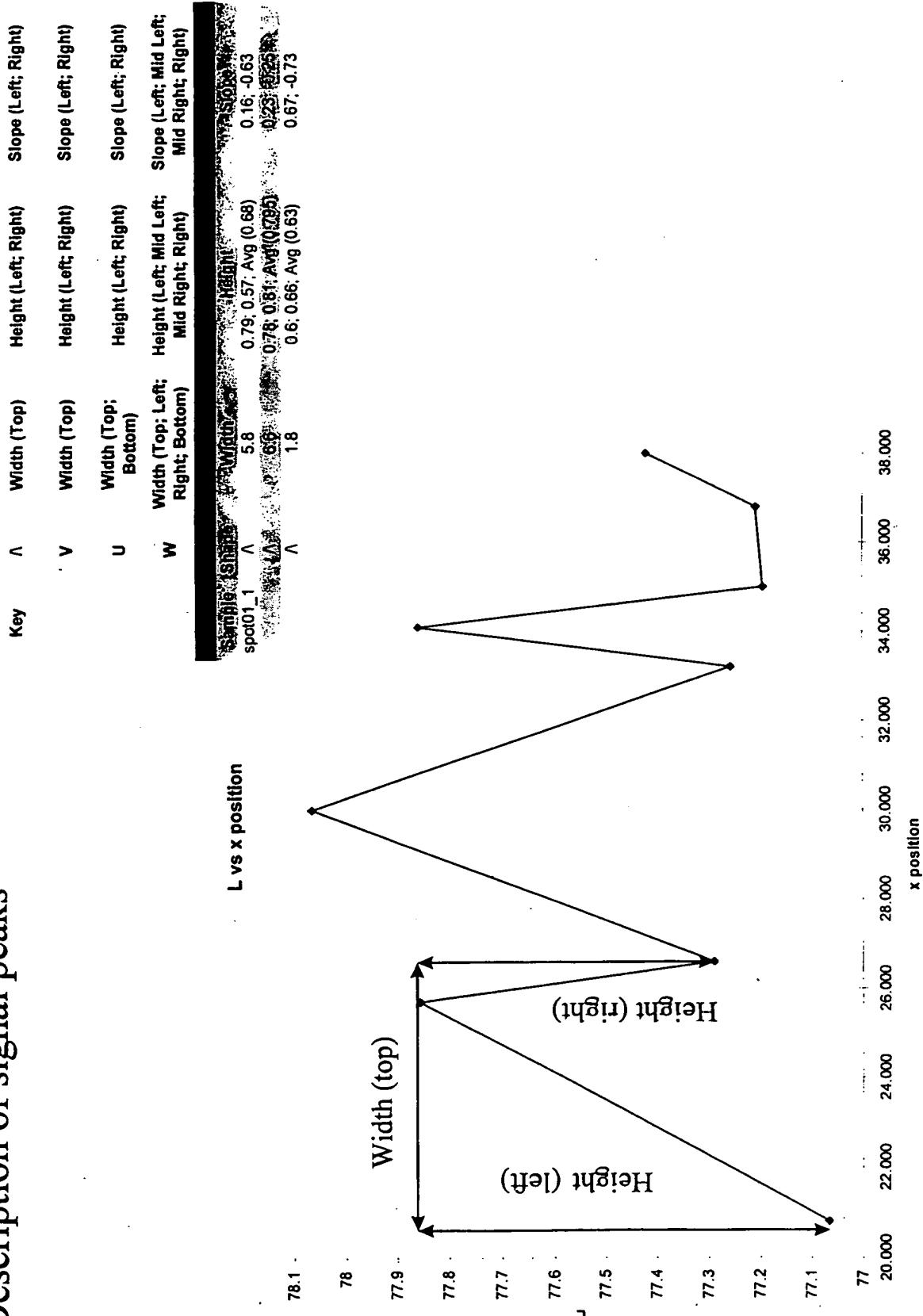


FIG. 11

L Shift Calculation (similar for a shift and b shift calculations) L vs x position for raw and compressed data

78.2

Multilinear fit to a series of points using parameters
to define the accuracy of x and y coordinate fit.

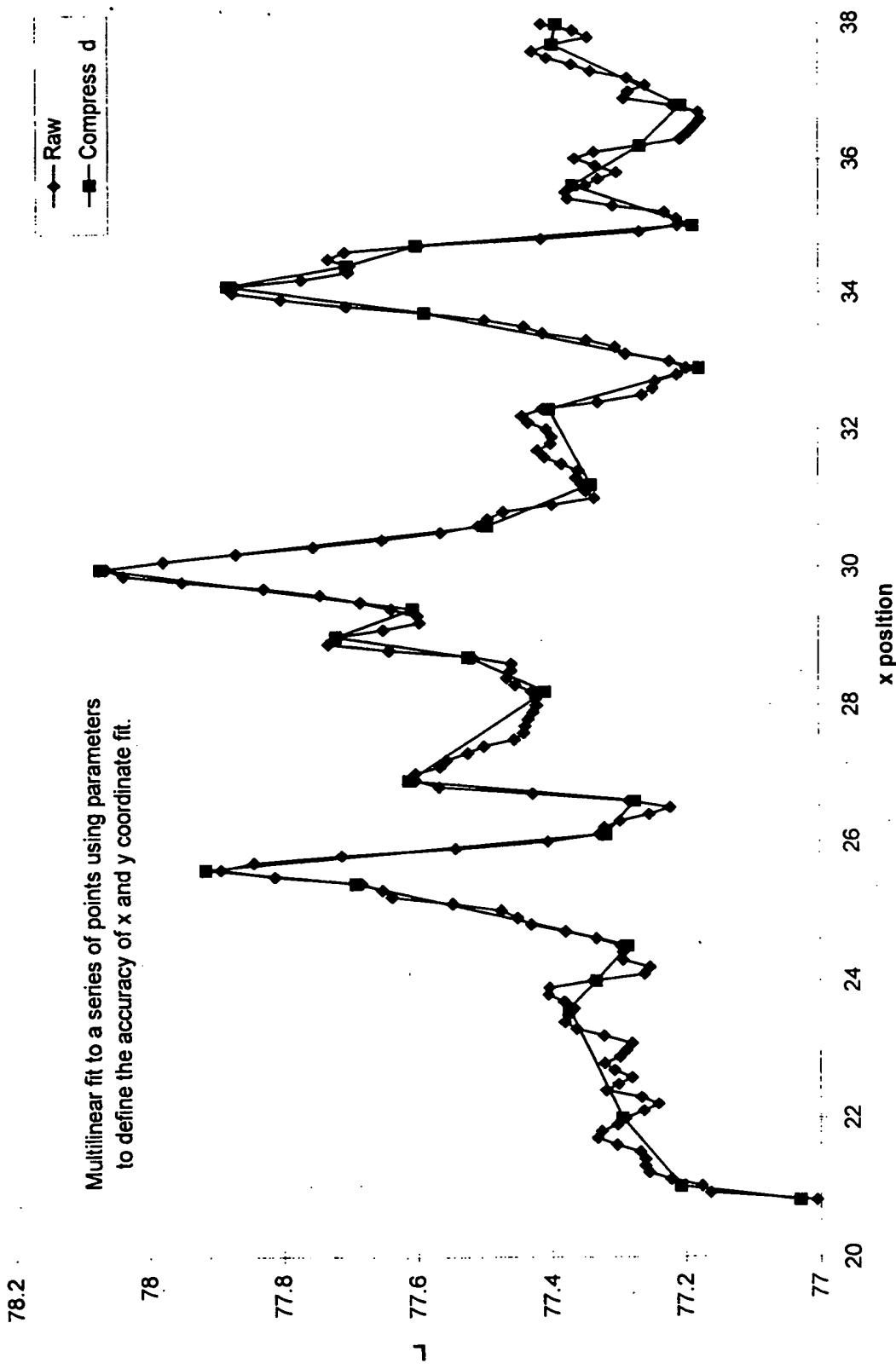


FIG. 12

L Shift Calculation (similar for a shift and b shift calculations).

L vs x position for L Shift calculation

78.2

$L_{Shift} = (\text{sum of peak heights above a certain limiting value}) / (\text{number of heights counted})$

78

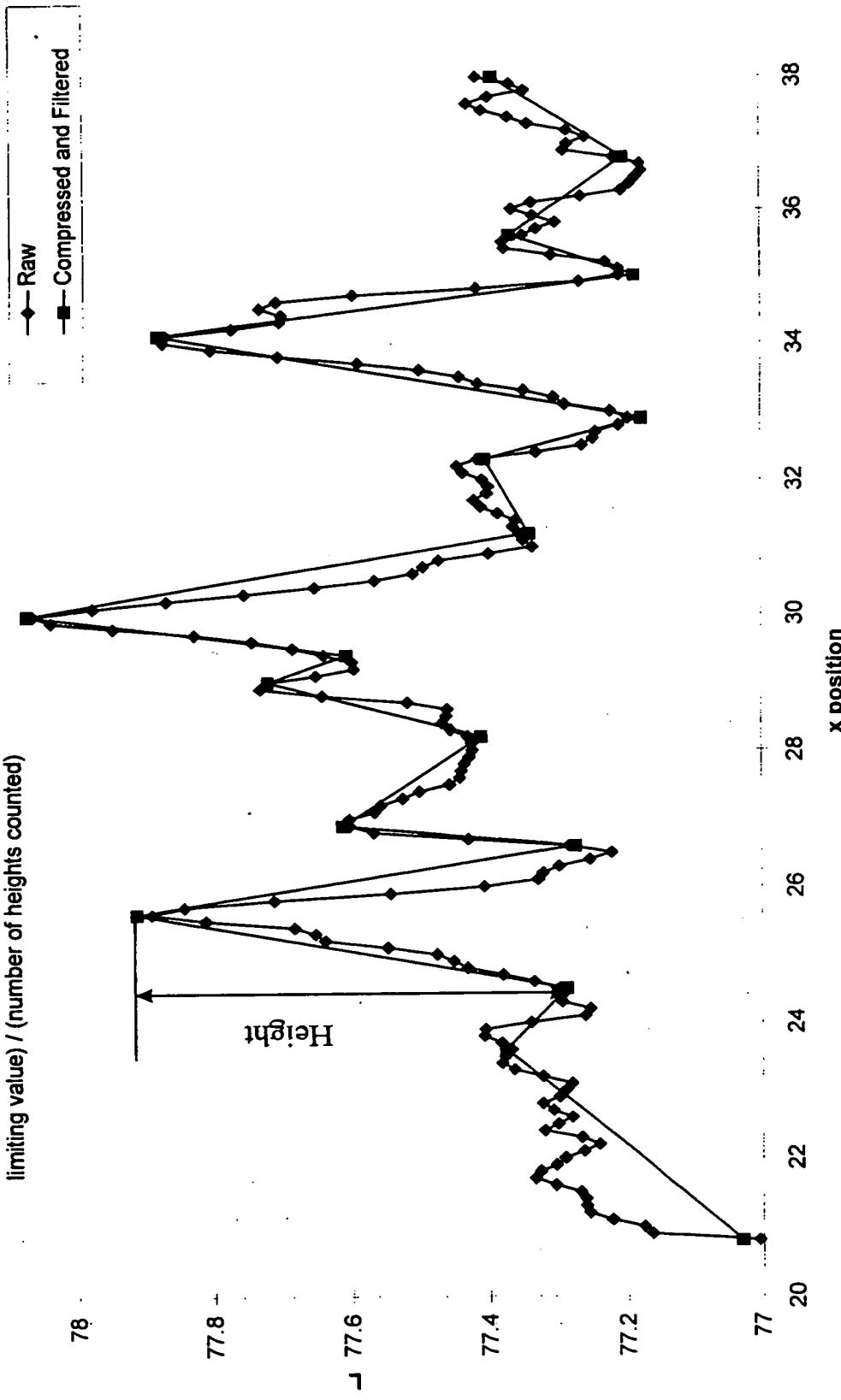


FIG. 13